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SCIENTIFIC AND TECHNICAL

U.S. DEPARTMENT OF COMMERCE • PATENT & TRADEMARK OFFICE •

INFORMATION CENTER

ESTABLISHED 1844.

M. SEWARD & SON'S

PRICE LIST

OF

Carriage Hardware,

64 BRISTOL STREET,

NEW HAVEN, CONN.

JANUARY, 1876.

MOSES SEWARD. *FRANK SEWARD.*

New Haven:
Hoggson & Robinson, Steam Printers.
1876.

M. SEWARD & SON'S

Price List.

SEWARD'S PATENT AXLE CLIPS.

Patented, July 19, 1864.

Clips for Light Trotting Wagons.

			Size of Shank, 1-4.		Price per doz.
No. 00,	Center	1 1-2	inches long,	5-8 wide,	$ .80
No. 0,	"	2	"	"	.80
No. 1,	"	2 1-2	"	"	.80
No. 2,	"	3	"	"	.80
No. 3,	"	3 1-2	"	"	.80
No. 4,	"	4	"	"	.92

Put up in boxes of 4 doz. each.

Clips for Buggies.

			Size of Shank, 5-16.			Price per doz.
No. 00,	Center	2 1-4	inches long,	5-8,	and 7-8 wide,	$ .80
No. 0,	"	2 3-4	"	"	"	.80
No. 1,	"	3 1-4	"	"	"	.80
No. 2,	"	3 3-4	"	"	"	.85
No. 3,	"	4 1-4	"	"	"	.90
No. 4,	"	4 3-4	"	"	"	1.00
No. 5,	"	5 1-4	"	"	"	1.15
No. 6,	"	6	"	"	"	1.35

Put up in boxes of 4 dozen each.

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SEWARD'S

FLAT, SHARP CENTER AXLE CLIPS.

Cut C

Patented July 19, 1864, *March* 14, 1871, *and May* 12, 1874.

	Size of Shank, 5-16.	Price per doz.
No. 0,	Center 2 3-4 inches long, 5-8 and 7-8 wide,	$ .85
No. 1,	" 3 1-4 " " "	.85
No. 2,	" 3 3-4 " " "	.90
No. 3,	" 4 1-4 " " "	.95
No. 4,	" 4 3-4 " " "	1.05
No. 5,	" 5 1-4 " " "	1.20

Put up in boxes of 4 dozen each.

☞ **Please order by Cut C.**

These Clips are the same as our common Buggy Clip, (page 3,) with the exception that they are forged with a sharp center and bent so that they are easily adjusted to any shape of bed. In bending, they are made a little concave so that the edges will fit nicely to the wood. The cost is only 5 cents per dozen more than the straight Clips; which is just the difference in cost of manufacturing. We hold three patents on the above, one on the upset, July 19, 1864; and two on the forged sharp center, March 14th, 1871, and May 12, 1874.

SEWARD'S

SHARP CENTER RIBBED CLIPS.

Cut A

SEC. VIEW.

For Spring Bars.

Patented July 19, 1864, *March* 14, 1871 *and May* 12, 1874.

	Size of Shank, 5-16.	Price per doz
No. 0,	Center 4 1-2 inches long, 5-8 wide,	$1.05
No. 1,	" 4 3-4 " "	1.20
No. 2,	" 5 1-4 " "	1.27
No. 3,	" 5 3-4 " "	1.35
No. 4,	" 6 3-8 " "	1.50
No. 5,	" 7 " "	1.70

Put up in boxes of 4 dozen each.

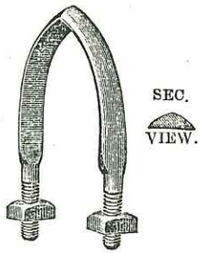
☞ **Please order by Cut A.**

These Clips are the same as our Spring Bar Clips, (page 8,) with the exception that they are forged with a sharp center and bent so that they are easily adjusted to any shape of bed or Spring Bar. In bending they are made a little concave, so that the edge will fit down nicely to the wood. In the old way of bending by hand, this cannot be done, as they will invariably roll up leaving them convex.

The cost is only 5 cents per dozen more than on the straight Clip, which is just the difference in cost of manufacturing, and making a much finer finish.

SEWARD'S SHARP CENTER CLIPS.

Cut B



For Axle or Spring Bars.

Patented July 19, 1864, *March* 14, 1871, *and May* 12, 1874.

						Price per doz.
No. 0,	Center 4 1-4	inches long,	9-16	inches wide,	. .	$1.20
No. 1,	" 4 3-4	"	"	"	.	1.30
No. 2,	" 5 3-8	"	"	"	. . .	1.45
No. 3,	" 6 1-8	"	"	"	. .	1.60
No. 4,	" 6 7-8	"	"	"	. . .	1.80

Put up in boxes of 4 dozen each.

☞ **Please order by Cut B.**

The above cut represents a new style of Clip which we are now making. They are forged with a sharp center and bent so as to be easily adjusted to the bed or Spring Bar. Made without rib, as per sectional view. Fitted up in the very best manner, and polished ready for painting. They make a very neat job.

They are forged with a Sharp Center, and Bent in our patent Dies, the same as our other styles of Sharp Center Clips.

SEWARD'S NEW PATTERN

O G SHARP CENTER CLIP.

5-16 Inch Shank.

For Fancy Work.

Patented July 19, 1864, *March* 14, 1871, *and May* 12, 1874.

						Price per doz.
No. 00,	Center 2 1-4	inches long,	and 1	inch wide,	.	$1.00
No. 0,	" 2 3-4	"	"	" "	. .	1.00
No. 1,	" 3 1-4	"	"	" "	.	1.00
No. 2,	" 3 3-4	"	"	" "	. .	1.05
No. 3,	" 4 1-4	"	"	" "	.	1.10
No. 4,	" 4 3-4	"	"	" "	. .	1.20
No. 5,	" 5 1-4	"	"	" "	.	1.30

Put up in boxes of 4 dozen each.

☞ **In ordering please say "O G Clips."**

The above is a new pattern of Clips, designed more especially for Fancy Buggies, Sleighs, etc.

They are forged with a Sharp Center, and Bent in our patent Dies, the same as our other styles of Sharp Center Clips.

They are very easily fitted to the Axle, and make a neat job.

Seward's New Pattern 1-4 Inch O. G. Clips,

For Buggy Perch Plates and Sleigh Work.

Patented July 19, 1864, *March* 14, 1871, *and May* 12, 1874.

						Price per doz.
No. 00,	Center,	1 1-2 in.	long and	3-4 in.	wide,	$1.00
No. 0,	"	2	"	"	"	1.00
No. 1,	"	2 1-2	"	"	"	1.00

Put up in boxes of 4 dozen each.

☞ **In ordering please say 1-4 inch O. G. Clips.**

The above is a new pattern of Clips designed especially for Trotting wagons, Buggy perch plates, and fine Sleighs, making a finer finish and stronger job than either bolts or rivets. They are forged with a sharp center and rib, and are bent in our patent dies the same as our other styles of Sharp Center Clips. They are very easily fitted to the perches of Buggies or Knees of Sleighs, and make a neat and strong job.

SEWARD'S PATENT SPRING BAR CLIPS.

Patented July 19, 1864.

					Size of Shank, 5-16.	Price per doz.
No. 0,	Center	4 1-2	inches long,	5-8 wide,		$1.00
No. 1,	"	4 3-4	"	"		1.15
No. 2,	"	5 1-4	"	"		1.22
No. 3,	"	5 3-4	"	"		1.30
No. 4,	"	6 3-8	"	"		1.45
No. 5,	"	7	"	"		1.65
No. 6,	"	7 3-4	"	"		1.85

Put up in boxes of 4 dozen each.

Clips for Heavy Wagons and Rockaways.

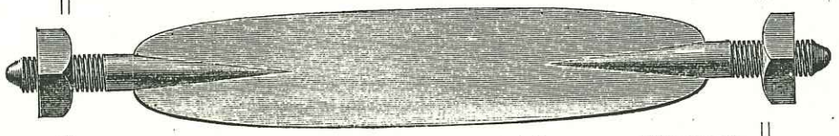
					Size of Shank, 3-8.	Price per doz.
No. 0,	Center	4	inches long,	1 1-4	wide,	$1.00
No. 1,	"	4 1-2	"	"	"	1.00
No. 2,	"	5	"	"	"	1.15
No. 3,	"	5 1-2	"	"	"	1.25
No. 4,	"	6	"	"	"	1.40
No. 5,	"	6 1-2	"	"	"	1.75
No. 6,	"	7 1-4	"	"	"	2.25

Put up in boxes of 4 dozen each.

The Seward Patent Axle Clips are made from the best Norway rods, and fitted up in the best manner. Being very smooth they require no filing to paint. The cuts show the exact shape. We are constantly improving on them, and propose to keep up the reputation which they have, of being the best in the market.

These remarks apply equally well to all our other Clips.

CLIPS FOR EXPRESS AND TRUCK WAGONS.



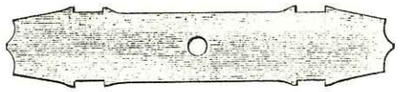
						Size of Shank, 7-16 inch, and 1 1-2 inch long.	Price per doz.
No. 0,	Center	5	inches long,	1 5-8	inches wide,		$2.00
No. 1,	"	6	"	1 5-8	"		2.25
No. 2,	"	7	"	1 3-4	"		2.50
No. 3,	"	8	"	1 3-4	"		2.90
No. 4,	"	9	"	1 3-4	"		3.25
No. 5,	"	10	"	1 3-4	"		3.75

Put up in boxes of 2 dozen each.

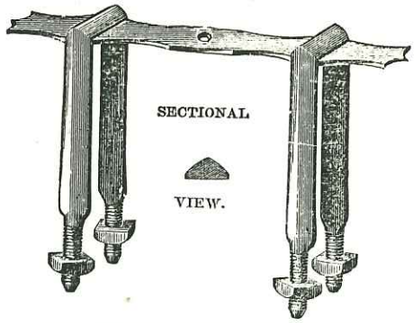
These Clips are especially adapted for heavy work; they are fitted up in the best manner, and made of the best Norway iron. The cut represents the exact shape.

SEWARD'S PATENT BUGGY SADDLE CLIP.

TOP PLATE.



Cut D.



☞ **Please order by Cut D.**

BUGGY SADDLE CLIPS.

☞ Lengths given are for the Flat Part of the Sides.

	Price per doz. sets.
For 1 1-4 inch Springs.	
No. 00——2 inches long, with patent top plates,	$4.00
No. 0——2 3-8 " "	4.25
No. 1——2 3-4 " "	4.50
No. 2——3 1-8 " "	5.00
No. 3——3 1-2 " "	5.50
For 1 3-8 and 1 1-2 inch Springs.	
No. 0——2 1-2 inches long, with patent top plates,	$4.50
No. 1——3 " "	5.00
No. 2——3 1-2 " "	5.50
No. 3——4 " "	6.00

50 cents per dozen less without patent top plates.

These Clips are made from the best Norway iron. The patent Top Plates are made of Wrought iron, with impressions on the edge to hold the Clips in place. The Clips and Plates are polished, ready for painting.

These Saddle Clips are the best in the market.

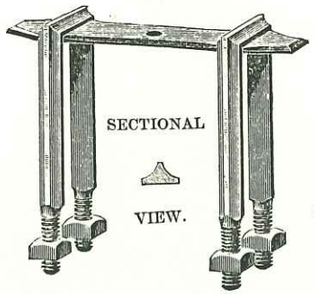
Two Clips and one Top Plate make a set.

Packed in boxes of 1 dozen sets each.

SEWARD'S PATENT RIBBED SADDLE CLIPS

FOR BUGGIES.

Cut E.



TOP PLATE.

Please order by Cut E.

Lengths given are for flat part of sides.

☞ **For 1 1-4 Springs only.**

	Price per doz. sets.
No. 00, 2 inches long, with patent Top Plates,	$4.25
No. 0, 2 3-8 " " "	4.50
No. 1, 2 3-4 " " "	4.75
No. 2, 3 1-8 " " "	5.25
No. 3, 3 1-2 " " "	5.75

50 cents per doz. less without patent Top Plates.

Two clips and one Top Plate makes a set.

Packed in boxes of 1 doz. sets each.

REMARKS.

These Saddle Clips are made of the best *Norway Iron* and are entirely new in design. Having a very light and neat appearance, at the same time possessing equal strength with our other style and are especially adapted to fine work.

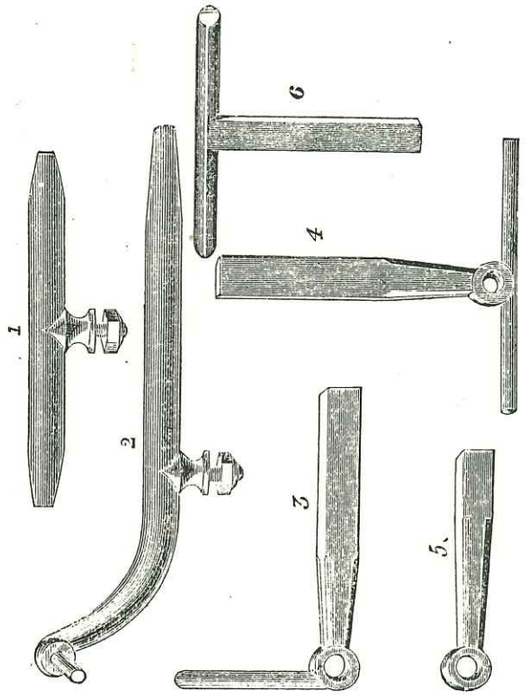
The Patent Top Plates (although of different design) have the same advantages as our others, being made of Wrought Iron, with impressions on the edges, to hold the clips in place.

The clips and plates are polished ready for painting.

By referring to the cut (which is an exact representation), parties will see that the above clips are the neatest style in the market.

SEWARD'S

IMPROVED SHIFTING CARRIAGE RAIL.



PRICES FOR SHIFTING RAILS.

Price per Set for Single Rails, ...	$2.65
" Double "	2.90

Two pieces each, Nos. 1, 2, 3, 5 and 6, for a set of Single Rails.

Two pieces each, Nos. 1, 2 and 6—Four pieces No. 4, for a set of Double Rails.

Extra pieces furnished at the following rates:

For each piece, Nos.	1,	2,	3,	4,	5,	6.
	30,	45,	15,	25,	12½	33 cents.

These Rails are made of Norway iron, fitted up in the best manner, and put up in boxes of 1 set each.

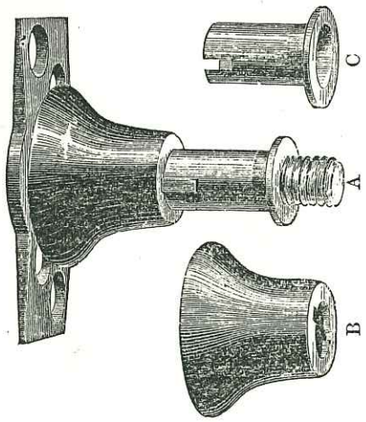
They are put together as follows:

Single Rail.

Two pieces of No. 3 are used, one on each side, fastened to seat, the rod running forward to be bent down to form a handle. The No. 5 pieces are fastened to back of seat, two generally being used. Nos. 1, 2 and 6 pieces are for the top, No. 2 fastening into No. 3 in each side. No. 1 into No. 5. The No. 6 are the corner or prop irons that the lower end of the long joint is attached to, the ends to be swedged round to fit the eye.

Double Rail, or Rail around the Seat.

These are put together the same as above, with the exception that the No. 4 pieces are used on the seat, instead of Nos. 3 and 5.

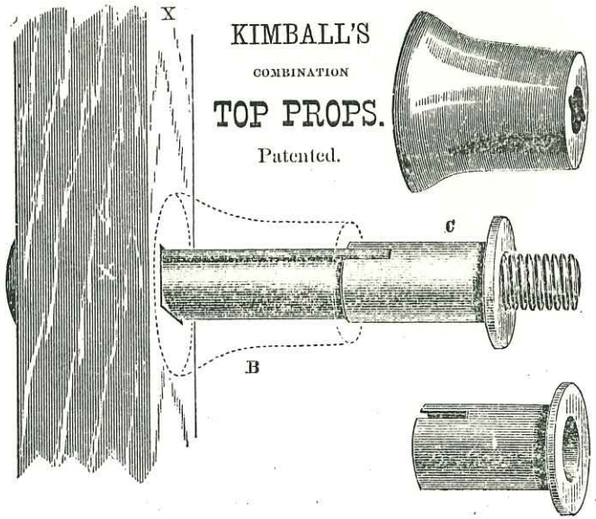


BRADLEY'S
Patent Top Props.

Patented Sept. 15, 1868, and April 16, 1872.

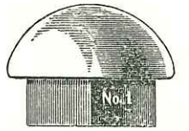
A—Front Bow Prop Iron, complete.
B—Iron Collar disconnected.
C—Brass Tube Washer disconnected.

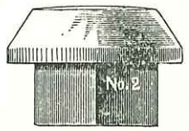
N. B.—The cut will readily explain the construction of this new and improved Top Prop. The chief novelty therein consists of using Brass Tube Washers (letter C.) upon which the joint eyes rest, and by which all friction against the nuts whereby they are worked off as in other Props, is prevented.

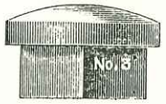


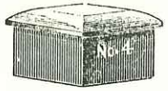
KIMBALL'S
COMBINATION
TOP PROPS.
Patented.

EXACT SIZE.





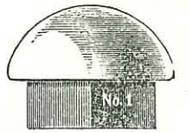


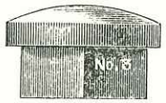


Bradley's Malleable Patent Top Props.

(6 nuts and 4 rivets to a set.)

	Per set. Silver.	Gold.
With No. 1 nuts and rivets,	$1.45	$2.35
" " " and plain iron rivets,	1.30	1.85
With No. 2 nuts and rivets,	1.45	2.35
" " " and plain iron rivets,	1.30	1.85
With No. 3 nuts and rivets,	1.45	2.35
" " " and plain iron rivets,	1.30	1.85
With No. 4 nuts and plain iron rivets,	1.30	1.85
Without nuts and rivets,	.56 per set.	
With Black Leather Covered Nuts, bright or dull finish, and plain iron rivets.	$3.00 per set.	



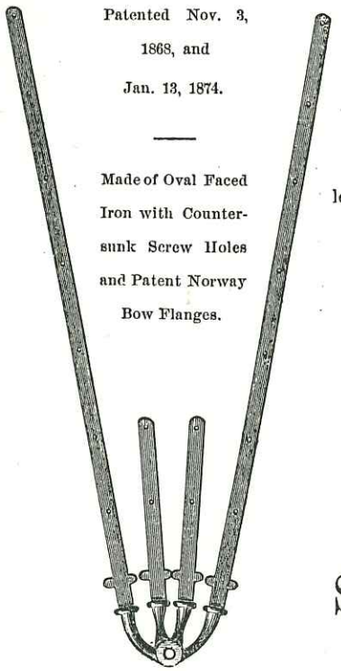


Kimball's Combination Top Props.

(6 nuts and 4 rivets to a set.)

	Per set. Silver.	Gold.
With No. 1 nuts and rivets,	$1.12½	$1.62½
" " " and plain iron rivets,	1.00	1.50
With No. 2 nuts and rivets,	1.12½	1.62½
" " " and plain iron rivets,	1.00	1.50
With No. 3 nuts and rivets,	1.12½	1.62½
" " " and plain iron rivets,	1.00	1.50
With No. 4 nuts and plain iron rivets,	1.00	1.50
With Black Leather Covered Nuts, bright or dull finish, and plain iron rivets,	$2.25 per set.	
With 4 plain iron nuts and rivets,	.56 per set.	

Showing Slat Iron as sent to market. **Manner of fastening to Bow.**



Patented Nov. 3, 1868, and Jan. 13, 1874.

Made of Oval Faced Iron with Countersunk Screw Holes and Patent Norway Bow Flanges.

These Cuts are one-sixth size, length and width.

New Haven Pattern

FORGED

FOUR BOW

SLAT IRONS.

In addition to the merit of being constructed entirely of wrought iron, the following improvements are noticeable:

1st. The flange fastening or lip for binding the lower end of the Wood Bow to the Slat, thereby making a more secure connection than can be made with screws (the wood being usually too thin to enable them to hold,) and

Also effectually preventing the Bow from Splitting.

2d. The lengthening out of both front and back slat, in the former thereby avoiding the liability of the bows breaking when taken hold of for the purpose of assistance in getting into a carriage, and in the latter greatly strengthening the back bow, which rests on the back prop iron, and supports the weight of the top when down.

3d. In avoiding the necessity of riveting, as in the New York and other patterns, so that each bow can be covered separately by the trimmer, and if preferred, the bow covers can be stitched on the Sewing machine, and drawn on afterwards.

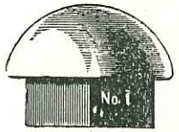
Made with oval faced iron, four bows,..... $15.00 per doz. set.
" " " three bows,..... 13.50 " "

In boxes of one dozen set each.

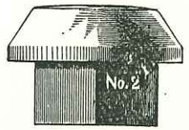
PROP NUTS.

N. B.—Customers, when ordering Nuts, should state the kind of Prop they are intended to fit.

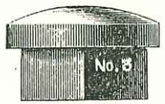
(Our Nuts and Rivets are not Electro Sil. Capped, but are of the best Plated Metal.)



	Per gross.
No. 1, **Silver** Bulls Eye, Closed on Solid Face Nut,	$ 7.00
No. 1, Extra **Silver** Bulls Eye, Filled Solid, . .	9.00
No. 1, Extra **Gold** Bulls Eye, Filled Solid, . .	15.00



No. 2, **Silver** Bevel Edge, Closed on Solid Face Nut,	$ 7.00
No. 2, Extra **Silver** Bevel Edge, Filled Solid, .	9.00
No. 2, Extra **Gold** Bevel Edge, Filled Solid, .	15.00



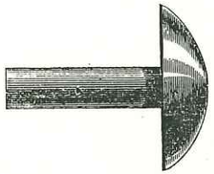
No. 3, Extra **Silver** "Brewster" Pat., Filled Solid,	$ 7.00
No. 3, Extra **Gold** "Brewster" Pat., Filled Solid,	15.00
No 3, Bl'k Leather Cov., "Brewster" Pat	**37.50**

No. 4, Extra Square Solid Nuts, **Silver,** . . .	$ 7.00
No. 4, Extra Square Solid Nuts, **Gold,** . . .	15.00

Plain Square Iron Nut, ...	$ 3.00

JOINT RIVETS.

No. 1, Extra (like No. 1 Nut), Filled Solid Silver, ...	$ 7.25
No. 1, " " " " " Gold, ...	13.75
No. 1, Plain Mall. Iron (like No. 1 Nut), not Capped, ...	2.00
No. 2, Extra (like No. 2 Nut), Filled Solid Silver, ...	7.25
No. 2, " " " " " Gold, ...	13.75
No. 2, Plain Mall. Iron (like No. 2 Nut), not Capped, ...	2.00
No. 3, Extra (like No. 3 Nut), Filled Solid Silver, ...	7.25
No. 3, " " " " " " Gold, ...	13.75



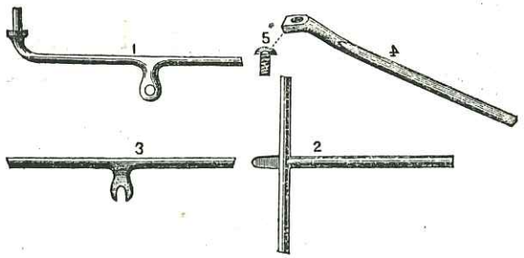
Plain Oval Norway Iron Rivet, ...	3.50

DAILEY'S

IMPROVED SHIFTING CARRIAGE RAIL.

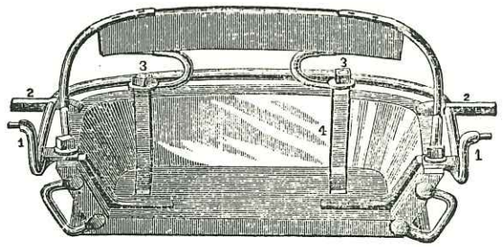
(Harter's Patent.)

Cut A.



Cut B.

Cut C.



DAILEY'S

IMPROVED SHIFTING CARRIAGE RAIL.

Cut A shows sections as furnished.

Cut B shows the sections as put together ready for seat.

Cut C shows the Rail attached to the seat, with lazy back complete.

By reference to cut B, it will be seen that it takes two pieces each, Nos. 1, 2 and 3, together with four seat irons, No. 4, and four screw bolts, No. 5, for a set.

The No. 4 pieces are fastened to the seat, being let in even with the outside and top, so as to form a smooth surface when top is off; No. 1 on each side and No. 2 behind, placed so as to take screw bolts, No. 5, through the holes in Nos. 1 and 3, which secures the Rail to seat.

The Lazy Back is fastened on top of the Rail with the screw bolts No. 5, at Nos. 1 and 3.

TO REMOVE THE TOP.

Take out screw bolts on each side, also loosen at the back, slide the Rail back, and off it comes, leaving the lazy back attached to seat. Replace screw bolts and tighten up, this leaves the seat smooth, without projections.

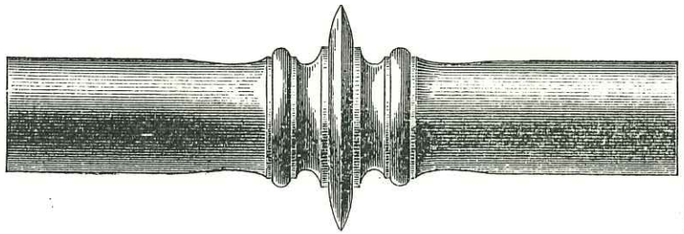
The Seat Irons, No. 4, are drilled and threaded to take screw bolts, No. 5.

Price per set, in sections, as in Cut A, $3.25.

SEWARD'S PATENT SOLID COLLARS.

1-4 inch,	Price per Dozen,	$ .80
5-16 "	" "	.80
3-8 "	" "	.95
7-16 "	" "	1.15
1-2 "	" "	1.40
9-16 "	" "	1.65
5-8 "	" "	1.85
11-16 "	" "	2.25
3-4 "	" "	2.50
13-16 "	" "	2.75
7-8 "	" "	3.50
15-16 "	" "	5.00
1 "	" "	5.50

Put up in boxes of 1 dozen each.

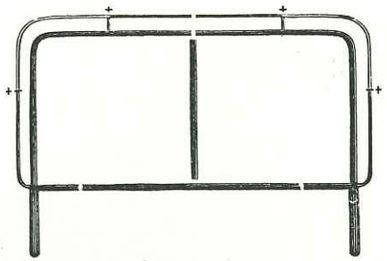


1 1-8 inch,	Price per Dozen,	$12.00
1 1-4 "	" "	16.00

Put up in boxes of 1-2 dozen each.

SEWARD'S DASHERS.

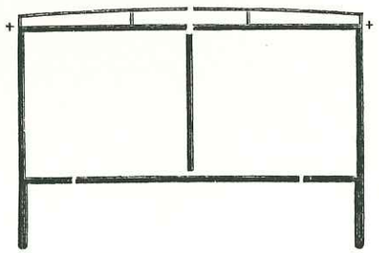
No. 1.



Price Per Dozen.

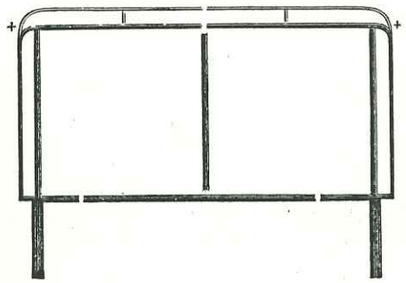
In Parts, plain,	$16.00
Whole, "	20.00
In Parts, plated,	24.00
Whole, corners plated,	36.00
Whole, Top Rail full plated,	40.00

No. 2.



In Parts, plain,	$17.00
Whole, "	22.00
In Parts, plated,	24.00
Whole, Top Rail plated,	36.00

No. 5.

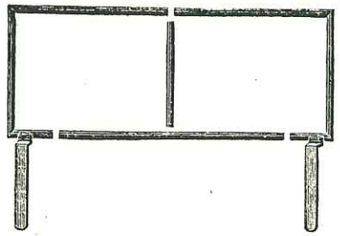


In Parts, plain,	$20.00
Whole, "	24.00
In Parts, plated,	36.00
Whole, Top Rail plated,	40.00

Dashers of every style made to order at the lowest cash prices. It will be seen, by referring to each cut, how far they are plated; each cut having two small crosses on it, and plated between. In ordering, please order by numbers.

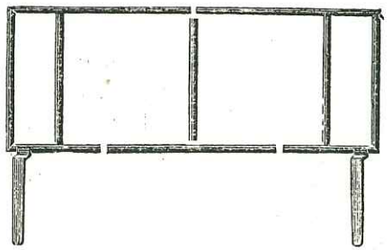
SEWARD'S DASHERS.

No. 3.



		Price per doz.
No. 3.	In parts,	$15.00
No. 3.	Whole,	18.00

No. 4.



		Price per doz.
No. 4.	In parts,	$18.00
No. 4.	Whole,	22.00

REMARKS.

The No. 3 and 4 Dashers (in parts and whole) are made with feet bent for deep bodies. The feet being *forged solid* from Norway Iron in our patent dies, are much stronger and neater in appearance than those made in the usual way.

The angles are sharp and well defined, the ovals perfect, and the whole possessing the usual characteristics of the "SEWARD" make of goods, viz.: strength, durability and finish.

The feet have an offset of one inch, in order to throw the Dasher flush with front of body; this offset can be readily lengthened or shortened by the blacksmith to fit any thickness of panel.

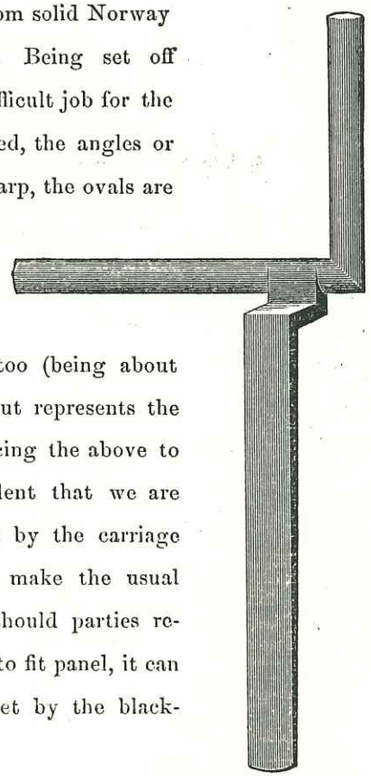
Parties desiring a first-rate article at a very low price, will do well to give them a trial.

SEWARD'S

PATENT SOLID DASH FEET FOR DEEP BODIES.

Price per dozen pair, ... $9.60

These feet are forged from solid Norway bars in our patent dies. Being set off for deep bodies, a very difficult job for the blacksmith is thus obviated, the angles or corners are brought up sharp, the ovals are



left long enough to weld too (being about six inches long). The cut represents the exact shape. In introducing the above to the trade we feel confident that we are meeting a want long felt by the carriage makers. The offset we make the usual length of one inch, but should parties require it longer or shorter to fit panel, it can be readily drawn or upset by the blacksmith.

LONG JOINT EYES.

Iron 5-8 × 3-8, and 9-16 × 3-8, with Holes 13-32 and 7-16.

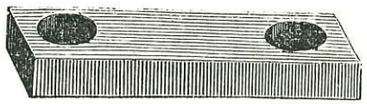
In the manufacture of which we are taking special care, they being forged nicely, milled exact, and finished in a thorough manner.

Price, 65 Cents per Set.

In ordering, please give size of Iron and Holes required.

CLIP YOKES FOR AXLES.

WROUGHT IRON.



Distance Between Holes—7-8, 1, 1 1-8, 1 1-4, 1 3-8, 1 1-2, with 5-16 inch holes.

Put up in boxes of 10 lbs. each, at cts. per lb.

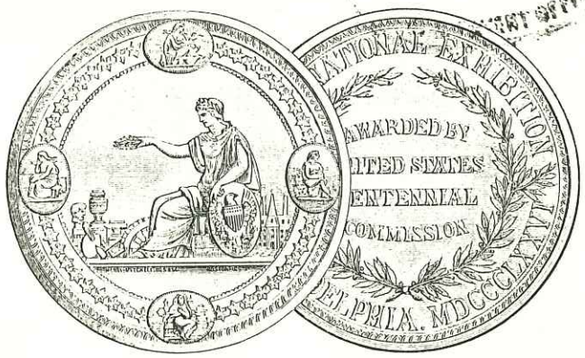
27

M. SEWARD & SON'S

SUPPLEMENT SHEET

OF

Carriage Hardware.



Received the Highest and only SPECIAL AWARD on CARRIAGE CLIPS.

☞ ***Please paste this in our Catalogue.***

TS
2055
.S4

OFFICE OF

M. SEWARD & SON,

MANUFACTURERS OF

Carriage Hardware,

64 BRISTOL STREET,

New Haven, Conn., Jan. 1, 1877.

GENTLEMEN:

Having added some new and desirable goods to our list of 1876, we herewith present you with this Supplement Sheet, containing cuts and prices. We would call your attention to our new style of Sharp Center Clip, Cut F; Short Spring Clips, Cuts G and H; Nos. 1, 2 and 3 Dash Feet, and Foot Rail.

Hoping to receive a continued share of your valued favors, we remain,

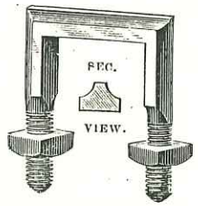
Yours Truly,

M. SEWARD & SON.

☞ *Please paste this in our Catalogue.*

PATENT SHORT SPRING CLIPS.

Cut G.

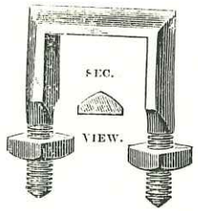


Design Patented.

								Per doz.
No. 1,	For 3 leaf,	$1\frac{1}{4}$ in.	Spring,	Flat part	$\frac{3}{4}$ in.—	$\frac{5}{16}$	Shank,	$1.75
No. 2,	" 4 "	$1\frac{1}{4}$ "	"	"	1 "	"	"	1.75

Please order by Cut G.

Cut H.



								Per doz.
No. 4,	For 3 leaf,	$1\frac{1}{2}$ in.	Spring,	Flat part	$\frac{3}{4}$ in.—	$\frac{3}{8}$	shank,	$2.00
No. 5,	" 4 "	$1\frac{1}{2}$ "	"	"	$\frac{7}{8}$ "	$\frac{3}{8}$	"	2 00
No. 6,	" 5 "	$1\frac{1}{2}$ "	"	"	$1\frac{1}{4}$ "	$\frac{3}{8}$	"	2.00

Please order by Cut H.

Put up in boxes of 1 dozen each.

The above Clips are made from the best Norway Iron, of new designs, and superior workmanship. They are polished, ready for painting.

33953

SEWARD'S PATENT AXLE CLIPS.

'76 PATTERN.

Patented July 19th, 1864.

CLIPS FOR BUGGIES.

		Size of Shank, 5-16.	Price per doz.
No. 0,	Center $2\frac{3}{4}$ inches long and	$\frac{7}{8}$ wide,	$ .80
No. 1,	" $3\frac{1}{4}$ " "	"	.80
No. 2,	" $3\frac{3}{4}$ " "	"	.85
No. 3,	" $4\frac{1}{4}$ " "	"	.90
No. 4,	" $4\frac{3}{4}$ " "	"	1.00
No. 5,	" $5\frac{1}{4}$ " "	"	1.15
No. 6,	" 6 " "	"	1.35

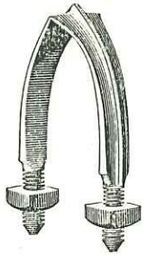
Put up in boxes of 4 dozen each.

Our '76 Pattern of Axle Clips are made from Norway Iron, and of the same style and finish as our *best* Norway Iron Axle Clips. Parties desiring a good article, at a low price, will find it to their advantage to use them.

In ordering please say '76 PATTERN.

Seward's Sharp, Wide Center Spring Bar Clips.

Cut F.



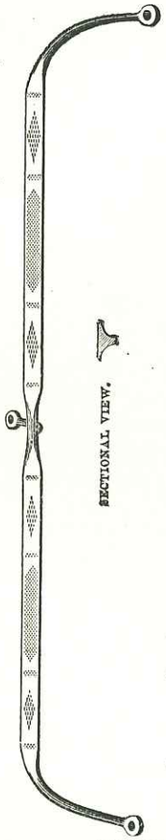
Patented March 14th, 1871, and May 12th, 1874.

			Price per doz.
No. 1,	Center $4\frac{3}{4}$ inches long, and	$\frac{7}{8}$ wide,	$1.40
No. 2,	" $5\frac{3}{8}$ " "	$\frac{7}{8}$ "	1.55
No. 3,	" $6\frac{1}{8}$ " "	$\frac{7}{8}$ "	1.70

Put up in boxes of 4 dozen each.

Please order by Cut F.

The above are a new style of Clip, which are designed to be used on the Spring Bar or Axle. They are made $\frac{7}{8}$ inch wide in center, thereby preventing their settling into the wood, and are narrowed down on the sides to $\frac{7}{16}$ inch, making a very strong, and at the same time, a light and neat looking Clip. Polished ready for painting.



SEWARD'S

New Style Raised Figure Foot Rails.

PATENT APPLIED FOR.

Price per dozen, ... $5.50

Lengths made for any width body, from 24 inches to 30 inches.

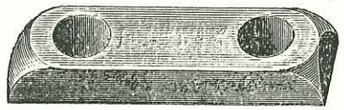
☞ *In ordering, please give lengths.*

These Foot Rails are forged with a raised surface or points, making them much better than those raised with a chisel. They are of a very neat design, as can be seen by the cut. Forged very smooth, and require no filing to paint. The ends can be readily bent out or in to fit any slight variation of body.

We can confidently recommend them as a superior article.

LIGHT PATTERN CLIP YOKES.

WROUGHT IRON.

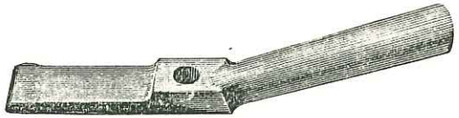


DISTANCE BETWEEN HOLES—$\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{3}{8}$, $1\frac{1}{2}$ with $\frac{5}{16}$ in. holes.

Put up in boxes of 10 pounds each, at cents per pound.

STAY ENDS AND OFFSETS.

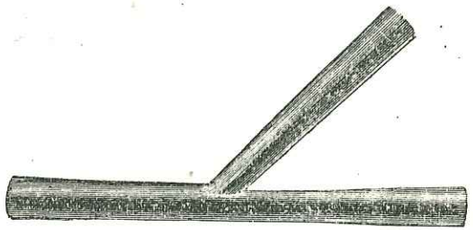
NORWAY IRON.



No. 1—Front Stay End.

For $\frac{3}{8}$ inch Stays, ... Price per dozen, $ .80
" $\frac{7}{16}$ " . . . . . " " 1.00
" $\frac{1}{2}$ " . . . . . " " 1.25

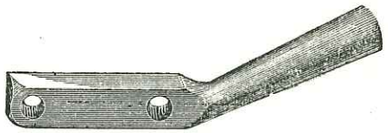
Put up in boxes of 2 dozen each.



No. 2—Offset for Stays.

For $\frac{3}{8}$ inch Stays, ... Price per dozen, $1.50
" $\frac{7}{16}$ " . . . . . " " 1.75
" $\frac{1}{2}$ " . . . . . " " 1.90

Put up in boxes of 2 dozen each.



No. 3—Back Stay End.

For $\frac{3}{8}$ inch Stays, $\frac{5}{16}$ Holes, . . Price per dozen, $ .75
" $\frac{7}{16}$ " " . . . . " " .90

Distance between holes, $\frac{7}{8}$, 1, $1\frac{1}{8}$ and $1\frac{1}{4}$ inches.

For $\frac{1}{2}$ inch Stays, $\frac{3}{8}$ Holes, . . Price per dozen, $1.10

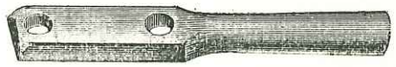
Distance between holes $1\frac{1}{8}$ and $1\frac{1}{4}$ inches.

Put up in boxes of 2 dozen each.

In ordering, please give distance between holes and size of Stay.

STAY ENDS AND OFFSETS.

NORWAY IRON.



No. 4—Back Stay End.

For $\frac{3}{8}$ inch Stay, $\frac{5}{16}$ Holes, . . Price per dozen, $ .75
" $\frac{7}{16}$ " " " . . . " " .90

Distance between holes $\frac{7}{8}$, 1, $1\frac{1}{8}$ and $1\frac{1}{4}$ inches.

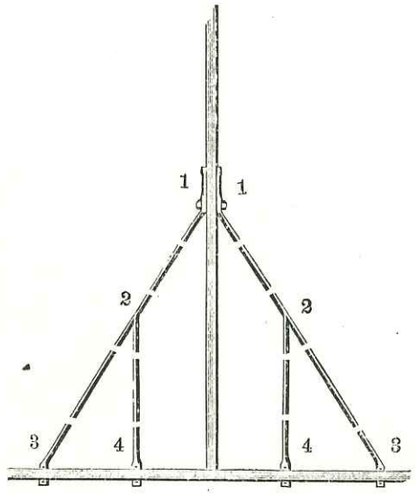
For $\frac{1}{2}$ inch Stay, $\frac{3}{8}$ Holes, . . Price per dozen, $1.10

Distance between holes, $1\frac{1}{8}$ and $1\frac{1}{4}$ inches.

Put up in boxes of 2 dozen each.

In ordering, please give distance between holes and size of stay.

Below is a plan view showing the position of each of the foregoing Stay Ends and Offsets. The numbers corresponding.

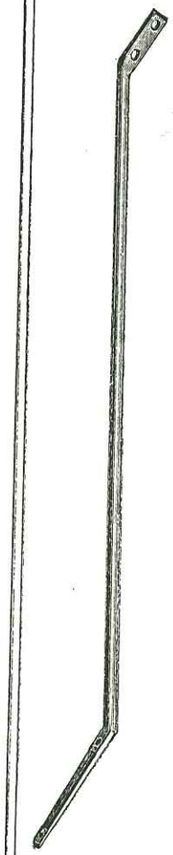


These Goods are made from the best Norway Iron, and forged very smooth.

Parties wishing a plain, neat job, will do well to give them a trial.

SEWARD'S

Perch Stays for Side Spring and Double Perch Buggies.



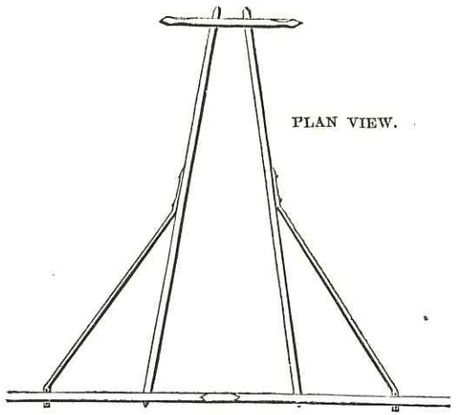
Price per pair, ... $ .75

Yoke end drilled for $\frac{7}{8}$, 1, $1\frac{1}{8}$ and $1\frac{1}{4}$ Axles.

When ordering please give distance between holes.

These Braces are particularly adapted to the Side Spring and Double Perch Buggies. They are forged solid, (without welding,) and are very neat and smooth. The plan view shows where they are applied to the perch.

The Bends can be readily altered to fit any shape of perch.



PLAN VIEW.

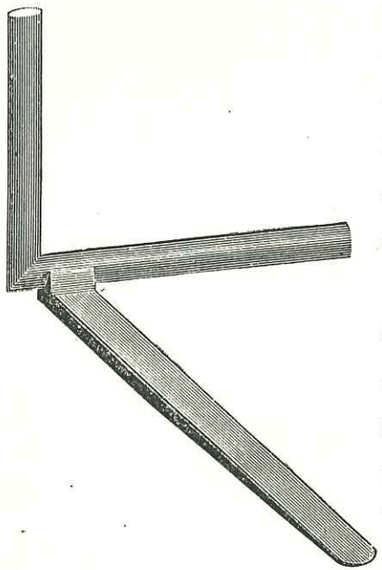
SEWARD'S

PATENT SOLID DASH FEET

FOR

PHAETON AND YACHT BODIES.

Price per dozen pair, ... $9.60



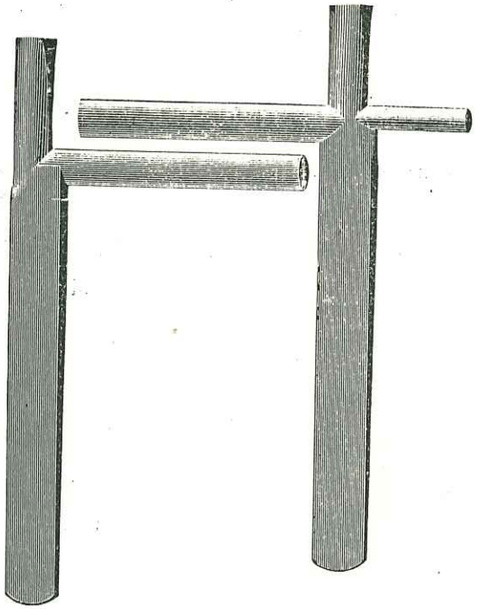
These feet are forged from solid Norway bars in our patent dies. Being set off for Phæton or Yacht Bodies, and possess all the advantages of our other style of feet.

Parties wishing the Nos. 3 and 4 Dashers, (in parts or whole,) with this style of feet, will, (in ordering,) please say feet bent for Yacht or Phæton bodies.

Prices same as for Deep Bodies.

SEWARD'S

PATENT SOLID DASH FEET.



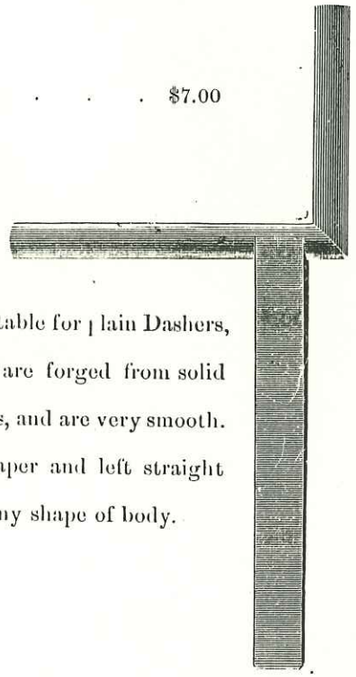
No. 2 Foot. **No. 1 Foot.**

No. 1 Dash Foot, . . . price per dozen pair, $7.00
No. 2 " " . . " " 5.00

Our Nos. 1 and 2 Dash Feet are forged in dies, from solid Norway bars, the same as our other style of feet. They are suitable for almost any style of Dasher. They are drawn to the requisite taper and left straight, and can be readily bent to any shape desired. Parties will find it greatly to their advantage to use these feet in making their own Dashers.

SEWARD'S PATENT SOLID DASH FEET.

Price, per dozen pair, . . . $7.00



Our No. 3 Dash Feet are suitable for plain Dashers, like our Nos. 3 and 4. They are forged from solid Norway bars in our patent dies, and are very smooth. Being drawn to the desired taper and left straight they can be readily fitted to any shape of body.

No. 3 Foot.

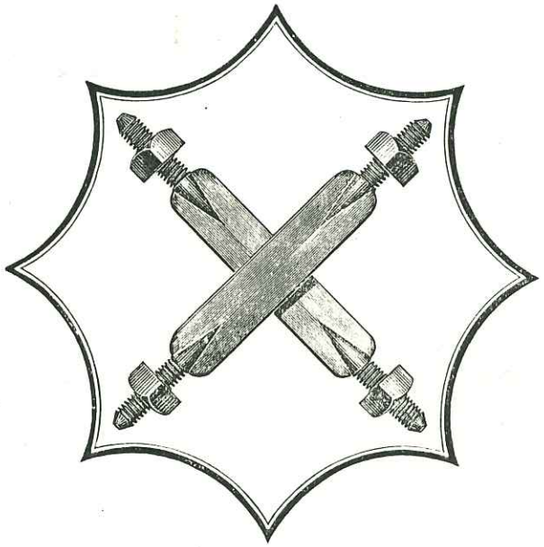
SEWARD'S JOINT EYES.

Long, Oval Iron, $\frac{5}{8} \times \frac{3}{8}$, and $\frac{9}{16} \times \frac{3}{8}$, . . with holes $\frac{13}{32}$ and $\frac{7}{16}$.
Long, Round Iron, $\frac{7}{16}$ and $\frac{1}{2}$ in., . " $\frac{13}{32}$ and $\frac{7}{16}$.
Short, Oval, ... " $\frac{13}{32}$ and $\frac{7}{16}$.

In ordering, please give size of Iron and holes required.

For prices see Discount sheet.

Trade Mark.



☞ *Please paste this in our Catalogue.*

SEWARD'S

NEW PATTERN SUPERIOR AXLE CLIPS.

	Size of Shank 5-16.	Price per doz.
No. 0, Flat Part,	2¾ inches long and ⅞ inches wide,	$ .70
No. 1, "	3¼ " " "	.70
No. 2, "	3¾ " " "	.70
No. 3, "	4¼ " " "	.78
No. 4, "	4¾ " " "	.97
No. 5, "	5¼ " " "	1.10

Put up in boxes of 4 dozen each.

☞ MADE FROM NORWAY IRON.

The above are an entirely new design for Superior Clips. They are made of Norway Iron and are very smooth, needing no filing to paint. Being thin at the center, and gradually increasing in thickness toward the ends, they give a light and neat appearance, at the same time having great strength. The rib being of good length, makes them the strongest Superior Clip in the market.

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